Fig. 1

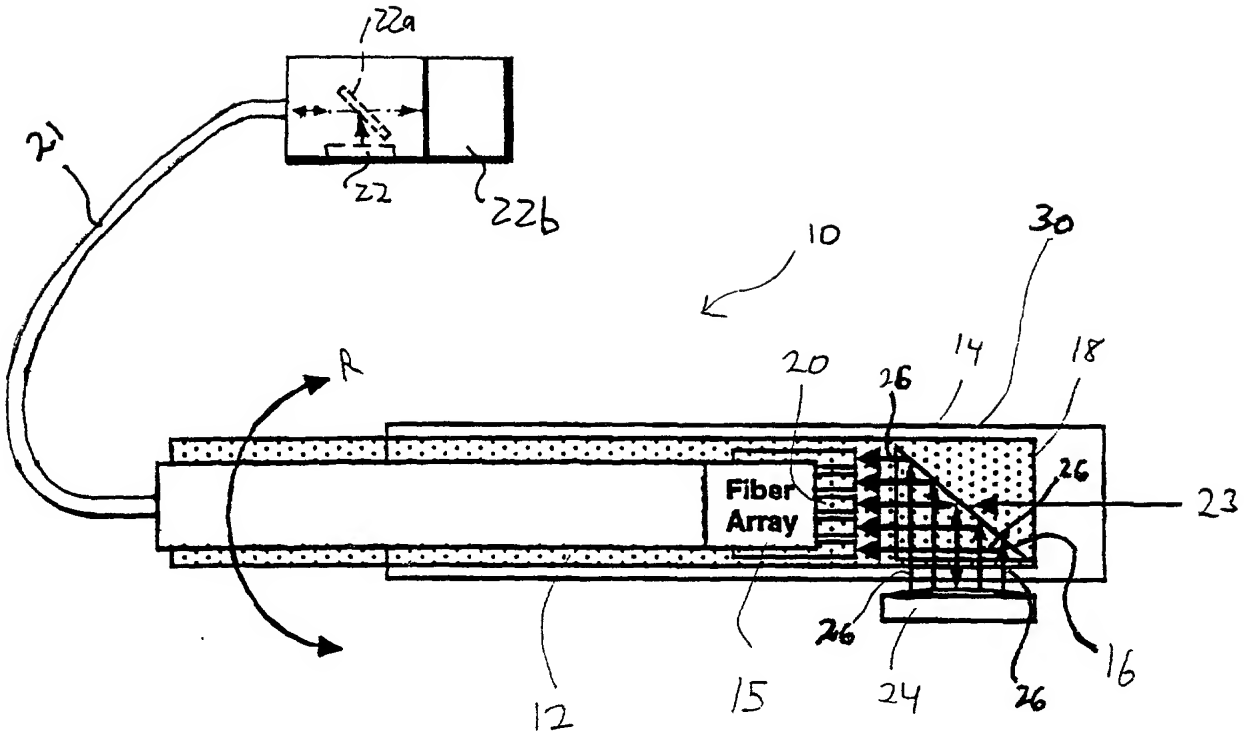


Fig. 2A

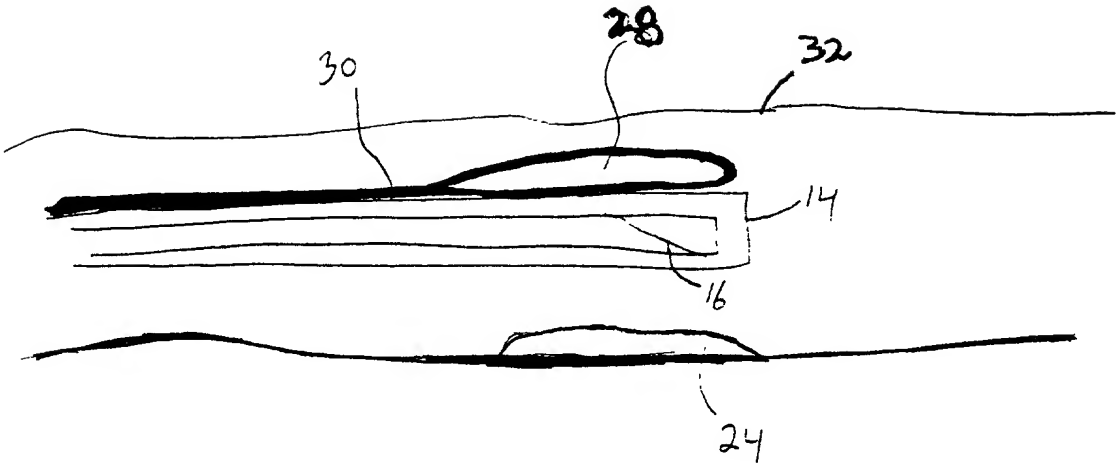


Fig. 2B

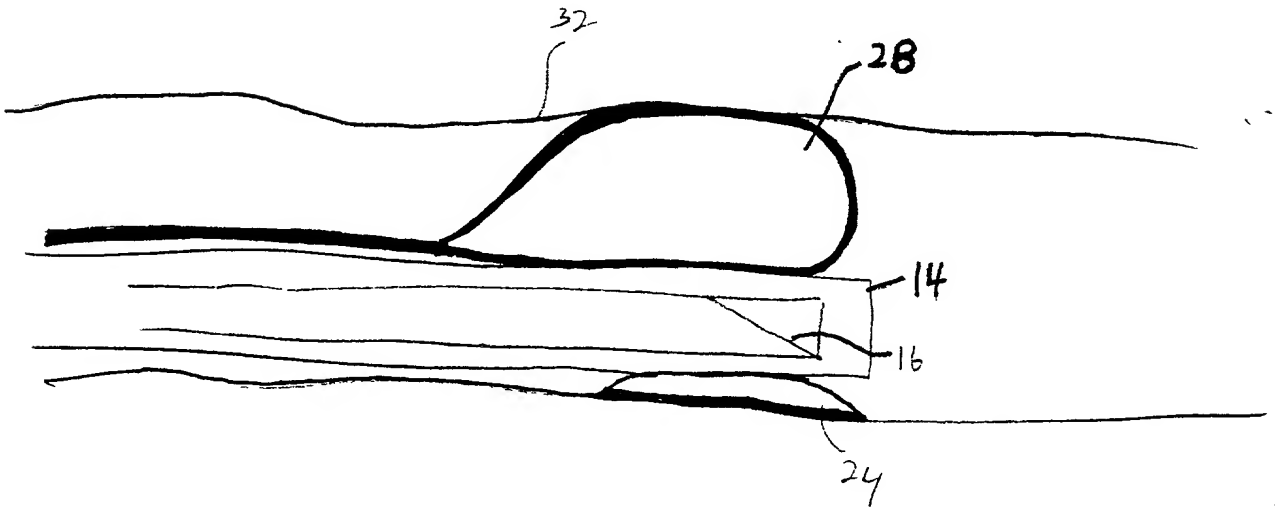


Figure 3

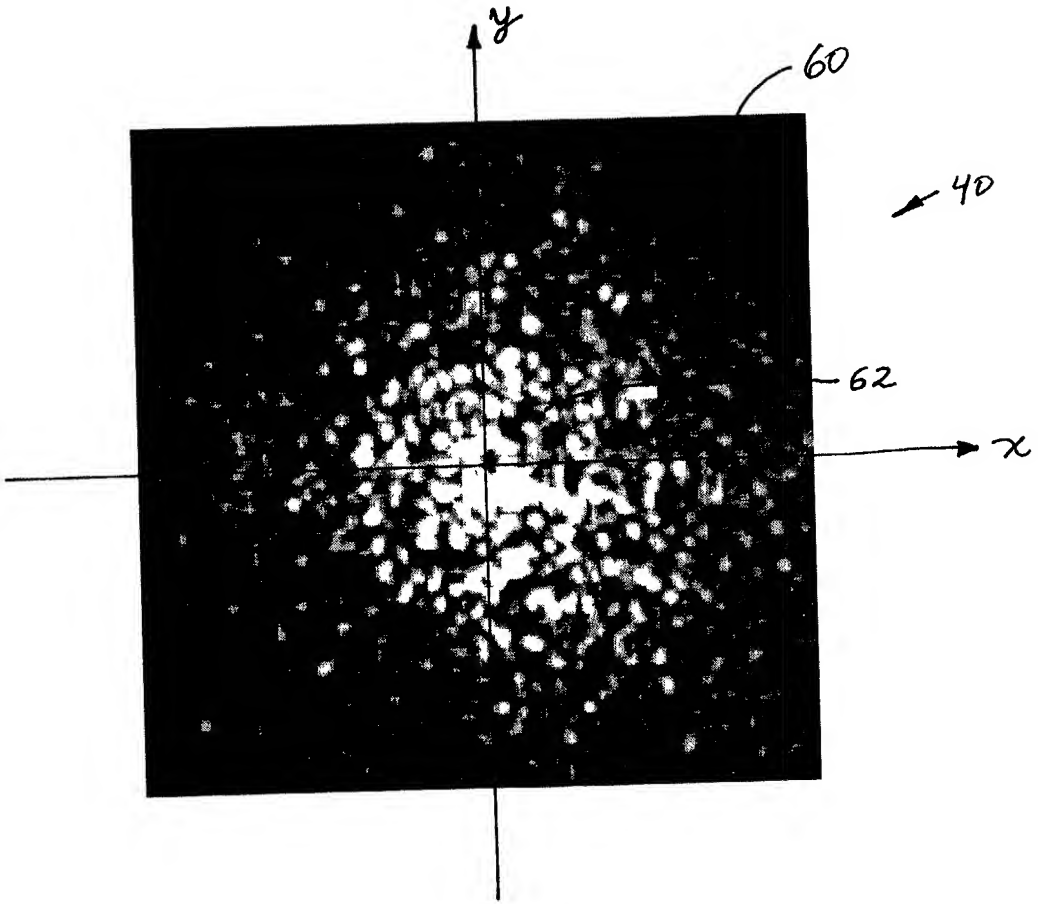
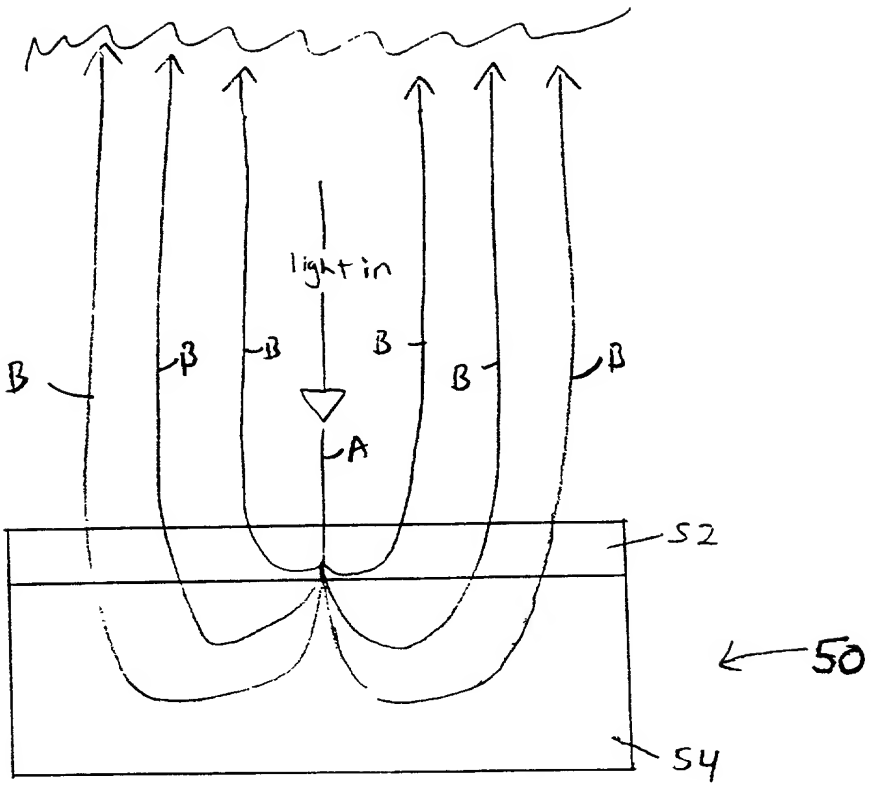


Fig. 4



Subject to Change

Lipid-rich plaque

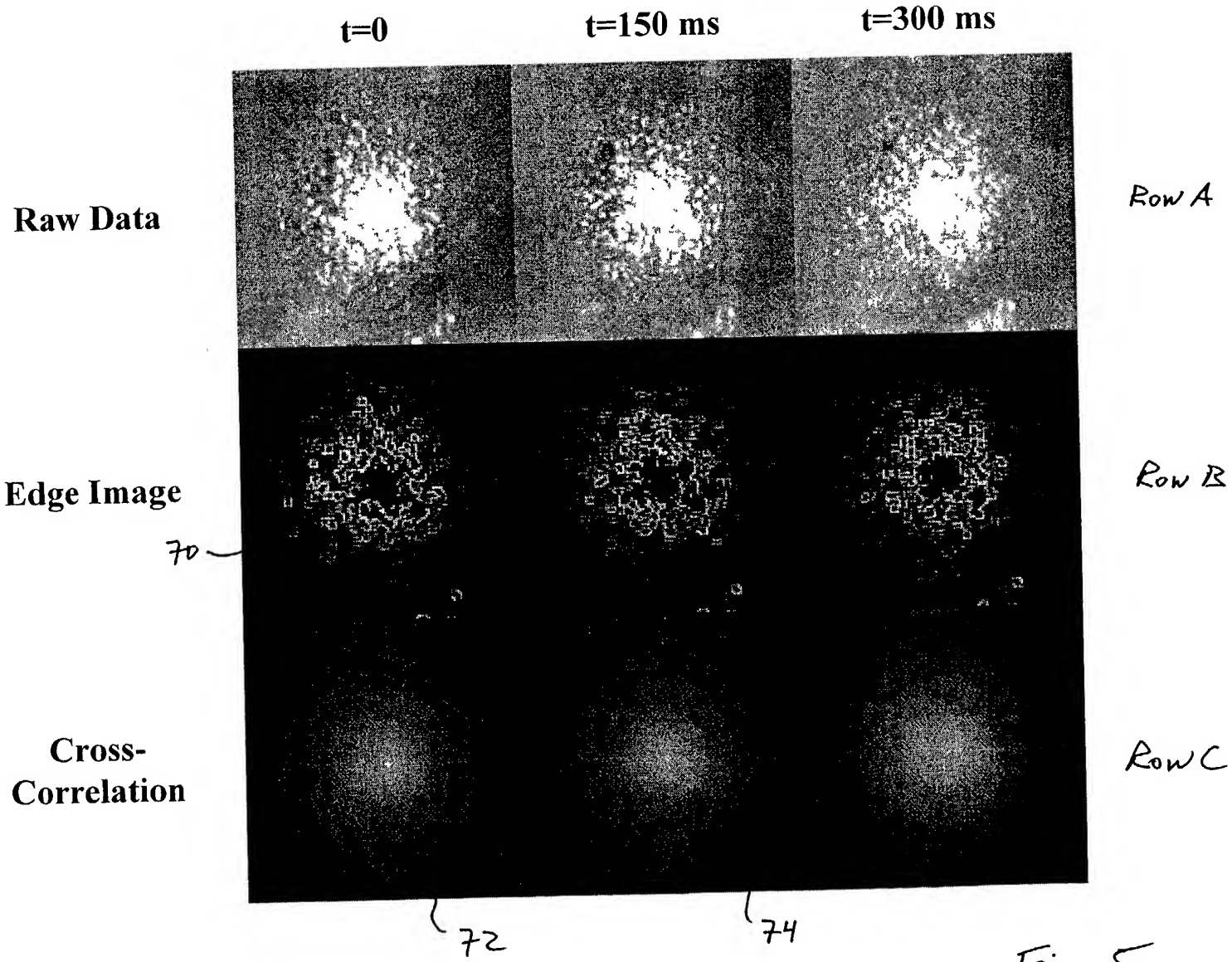


Fig. 5

Normal Aorta

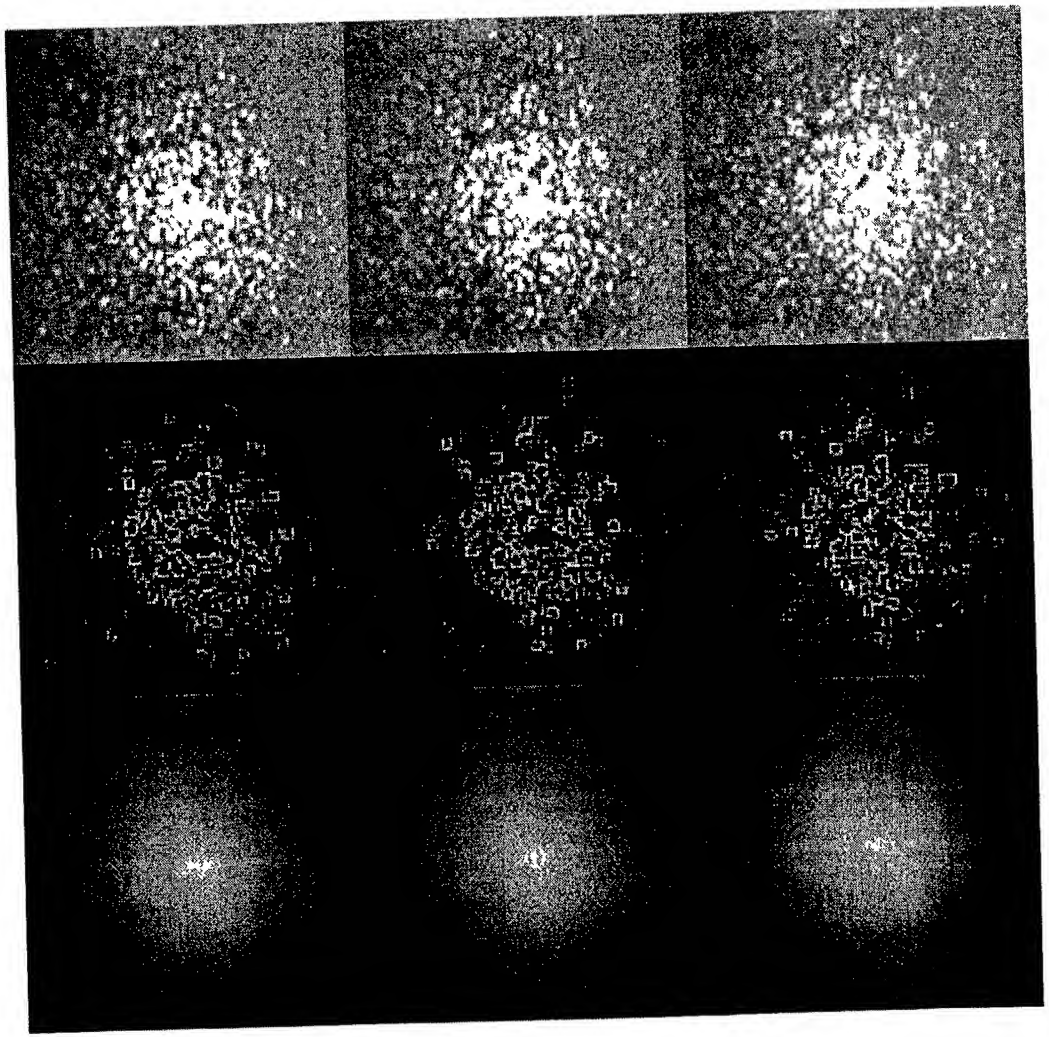
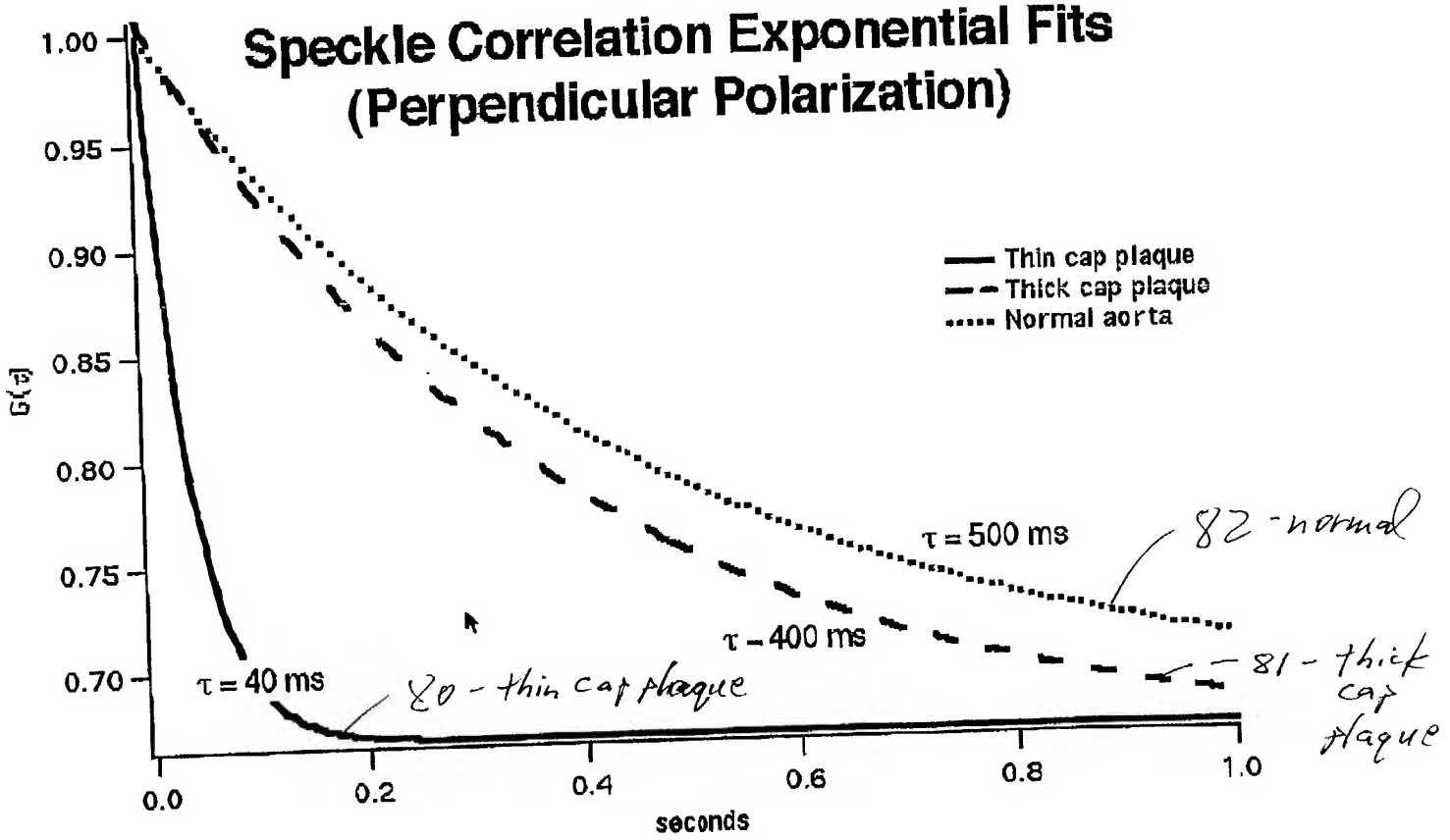


Fig. 6

Figure 7


Speckle Correlation Exponential Fits
(Perpendicular Polarization)
Thin cap plaque
Thick cap plaque
Normal aorta
G(τ)
1.00
0.95
0.90
0.85
0.80
0.75
0.70
τ = 40 ms
τ = 400 ms
τ = 500 ms
0.0
0.2
0.4
0.6
0.8
1.0
seconds
80 - thin cap plaque
81 - thick cap plaque
82 - normal